

U.S. ENVIRONMENTAL PROTECTION AGENCY

REGION X

IDAHO OPERATIONS OFFICE  
422 WEST WASHINGTON STREET  
BOISE, IDAHO 83702



July 22, 1988

Chris James, General Manager  
Cyprus Thompson Creek Mine  
P.O. Box 62  
Clayton, Idaho - 83227

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WATER COMPLIANCE SECTION  
EPA - REGION 10

RE: NPDES Compliance Inspection  
Permit No. ID-002540-2

Dear Mr. James:

Attached for your information are the results of an NPDES compliance inspection conducted at the Cyprus Thompson Creek Mine on May 25, 1988. Sample results verify compliance with current permit requirements.

The assistance of Mr. Doughty during the inspection was appreciated.

Sincerely,

Wally Scarburgh  
Idaho Permits Coordinator

Enclosure

cc: Bob Braun, IDHW-DEQ, Boise  
Greg Kellogg, WD-135

BN0910B

United States Environmental Protection Agency  
Washington, D. C. 20460

## NPDES Compliance Inspection Report

Form Approved  
OMB No. 2000-0003  
Approval Expires 7-31-85

## Section A: National Data System Coding

Transaction Code 1W 25 NPDES 320002540211 yr/mo/day 1288052517 Inspection Type 18S Inspector 19E Fac Type 20E

Remarks

Reserved Facility Evaluation Rating 67 69 70 BI 71 72 QA 73 74 75 80

## Section B: Facility Data

Name and Location of Facility Inspected

Cyprus Mining Co. - Thompson Creek  
P.O. Box 62  
Clayton, Id. 83227Entry Time ☐ AM ☐ PM

Permit Effective Date

6/10/81

Exit Time/Date

Permit Expiration Date

6/10/86

Name(s) of On-Site Representative(s)

Title(s)

Phone No(s)

Bert Dougherty  
Name, Address of Responsible OfficialSupervisor Environmental Affairs 838-2200  
TitleChris James  
P.O. Box 62  
Clayton, Id. 83227

General Manager

Phone No. 838-2200

Contacted  
☐ Yes ☒ No

## Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S	Permit	S	Flow Measurement	N	Pretreatment	S	Operations & Maintenance
S	Records/Reports	N	Laboratory	N	Compliance Schedules	N	Sludge Disposal
S	Facility Site Review	S	Effluent/Receiving Waters	S	Self-Monitoring Program	N	Other:

## Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

See Attachment

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Name(s) and Signature(s) of Inspector(s)

Agency/Office/Telephone

Date

Dann M. [Signature]

EPA/200/554-1450

5/25/88

Signature of Reviewer

Agency/Office

Date

## Regulatory Office Use Only

Action Taken

Date

Compliance Status

☐ Noncompliance  
☐ Compliance



# Records, Reports, and Schedules Checklist

## A. Permit Verification

<input checked="" type="radio"/> YES <input type="radio"/> NO <input type="radio"/> N/A	INSPECTION OBSERVATIONS VERIFY INFORMATION CONTAINED IN PERMIT
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	1. Correct name and mailing address of permittee.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	2. Facility is as described in permit.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	3. Notification has been given to EPA/State of new, different, increased discharges.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	4. Accurate records of influent volume are maintained, when appropriate.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	5. Number and location of discharge points are as described in the permit.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	6. Name and location of receiving waters are correct.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	7. All discharges are permitted.

## B. Recordkeeping and Reporting Evaluation

<input checked="" type="radio"/> YES <input type="radio"/> NO <input type="radio"/> N/A	RECORDS AND REPORTS ARE MAINTAINED AS REQUIRED BY PERMIT
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	1. All required information is available, complete, and current; and
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	2. Information is maintained for required period.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	3. Analytical results are consistent with the data reported on the DMR's.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	4. Sampling and Analysis Data are adequate and include:
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	a. Dates, times, location of sampling
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	b. Name of individual performing sampling
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	c. Analytical methods and techniques
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	d. Results of analysis
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	e. Dates of analysis
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	f. Name of person performing analysis
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	g. Instantaneous flow at grab sample stations
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	5. Monitoring records are adequate and include
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	a. Flow, pH, D.O., etc. as required by permit
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	b. Monitoring charts
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	6. Laboratory equipment calibration and maintenance records are adequate.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	7. Plant Records are adequate* and include
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	a. O&M Manual
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	b. "As-built" engineering drawings
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	c. Schedules and dates of equipment maintenance and repairs
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	d. Equipment supplies manual
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	e. Equipment data cards

\*Required only for facilities built with Federal construction grant funds.

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Records, Reports, and Schedules Checklist

Yes No <u>N/A</u>	8. Pretreatment records are adequate and include: a. Industrial Waste Ordinance (or equivalent documents) b. Inventory of industrial waste contributors, including: 1. Compliance records 2. User charge information
<u>Yes</u> No N/A	9. SPOC properly completed, when required.
Yes No <u>N/A</u>	10. Best Management Practices Program available, when required.

**C. Compliance Schedule Status Review**

<u>YES</u> NO N/A	THE PERMITTEE IS MEETING THE COMPLIANCE SCHEDULE
Yes No N/A	1. The permittee has obtained necessary approvals to begin construction.
Yes No N/A	2. Financing arrangements are complete.
Yes No N/A	3. Contracts for engineering services have been executed.
Yes No N/A	4. Design plans and specifications have been completed.
Yes No N/A	5. Construction has begun.
Yes No N/A	6. Construction is on schedule.
Yes No N/A	7. Equipment acquisition is on schedule.
Yes No N/A	8. Construction has been completed.
Yes No N/A	9. Start-up has begun.
Yes No N/A	10. The permittee has requested an extension of time.
Yes No N/A	11. The permittee has met compliance schedule.

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Records, Reports, and Schedules Checklist

**D. POTW Pretreatment Requirements Review**

YES NO <u>N/A</u>	THE FACILITY IS SUBJECT TO PRETREATMENT REQUIREMENTS
	1. Status of POTW Pretreatment Program
Yes No N/A	a. The POTW Pretreatment Program has been approved by EPA. (If not, is approval in progress? _____)
Yes No N/A	b. The POTW is in compliance with the Pretreatment Program Compliance Schedule. (If not, note why, what is due, and intent of the POTW to remedy)
	2. Status of Compliance with Categorical Pretreatment Standards.
Yes No N/A	a. How many industrial users of the POTW are subject to Federal or State Pretreatment Standards? _____
Yes No N/A	b. Are these industries aware of their responsibility to comply with applicable standards?
Yes No N/A	c. Have baseline monitoring reports (403.12) been submitted for these industries?
Yes No N/A	i. Have categorical industries in noncompliance (on EIR reports) submitted compliance schedules?
Yes No N/A	ii. How many categorical industries on compliance schedules are meeting the schedule deadlines? _____
Yes No N/A	d. If the compliance deadline has passed, have all industries submitted 90 day compliance reports?
Yes No N/A	e. Are all categorical industries submitting the required semiannual report?
Yes No N/A	f. Are all new industrial discharges in compliance with new source pretreatment standards?
Yes No N/A	g. Has the POTW submitted its annual pretreatment report?
Yes No N/A	h. Has the POTW taken enforcement action against noncomplying industrial users?
Yes No N/A	i. Is the POTW conducting inspections of industrial contributors?
Yes No N/A	3. Are the industrial users subject to Prohibited Limits (403.5) and local limits more stringent than EPA in compliance? (If not, explain why, including need for revision of limits.)

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**Facility Site Review Checklist**

Yes No N/A	1. Standby power or other equivalent provision is provided.
Yes No N/A	2. Adequate alarm system for power or equipment failures is available.
Yes No N/A	3. POTW handles and disposes of sludge according to applicable Federal, State, and local regulations.
Yes No N/A	4. All treatment units, other than back-up units, are in service.
Yes No N/A	5. Procedures for facility operation and maintenance exist.
Yes No N/A	6. Organization plan (chart) for operation and maintenance is provided.
Yes No N/A	7. Operating schedules are established.
Yes No N/A	8. Emergency plan for treatment control is established.
Yes No N/A	9. Operating management control documents are current and include:
Yes No N/A	a. Operating report
Yes No N/A	b. Work schedule
Yes No N/A	c. Activity report (time cards)
Yes No N/A	10. Maintenance record system exists and includes:
Yes No N/A	a. As-built drawings
Yes No N/A	b. Shop drawings
Yes No N/A	c. Construction specifications
Yes No N/A	d. Maintenance history
Yes No N/A	e. Maintenance costs
Yes No N/A	11. Adequate number of qualified operators are on-hand.
Yes No N/A	12. Established procedures are available for training new operators.
Yes No N/A	13. Adequate spare parts and supplies inventory and major equipment specifications are maintained.
Yes No N/A	14. Instruction files are kept for operation and maintenance of each item of major equipment.
Yes No N/A	15. Operation and maintenance manual is available.
Yes No N/A	16. Regulatory agency was notified of by-passing. (Dates _____)

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# Facility Site Review Checklist

<p>Yes <input checked="" type="radio"/> No <input type="radio"/> N/A <input type="radio"/></p>	<p>17. Hydraulic and/or organic overloads are experienced.  Reasons for overloads _____  _____  _____  _____</p>
<p>Yes <input checked="" type="radio"/> No <input type="radio"/> N/A <input type="radio"/></p>	<p>18. Up-to-date equipment repair records are maintained.</p>
<p>Yes <input checked="" type="radio"/> No <input type="radio"/> N/A <input type="radio"/></p>	<p>19. Dated tags show out of service equipment.</p>
<p>Yes <input checked="" type="radio"/> No <input type="radio"/> N/A <input type="radio"/></p>	<p>20. Routine and preventive maintenance are scheduled/performed on time.</p>



# Permittee Sampling Inspection Checklist

## A. Permittee Sampling Evaluation

<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	1. Samples are taken at sites specified in permit.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	2. Locations are adequate for representative samples.
<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	3. Flow proportioned samples are obtained where required by permit.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	4. Sampling and analysis completed on parameters specified by permit.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	5. Sampling and analysis done in frequency specified by permit.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	6. Permittee is using method of sample collection required by permit. Required Method: <u>Grab</u> If not, method being used is: ( ) Grab ( ) Manual composite ( ) ( ) Automatic composite
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	7. Sample collection procedures are adequate: a. Samples refrigerated during compositing b. <del>Proper</del> <u>Proper</u> techniques used
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	c. Containers and sample holding times before analyses conform with 40 CFR 136.3
<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	8. Monitoring and analyses are performed more often than required by permit. If so, results reported in permittee's self-monitoring report.

## B. Sampling Inspection Procedures and Observations

<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	1. Grab samples obtained.
<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	2. Composite sample obtained Compositing frequency _____ Preservation _____
<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	3. Sample refrigerated during compositing.
<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	4. Flow proportioned sample obtained.
<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	5. Sample obtained from facility sampling device.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	6. Sample representative of volume and nature of discharge.
<input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> N/A	7. Sample split with permittee.
<input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A	8. Chain of custody procedures employed.

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A. Flow Measurement Inspection Checklist - General

<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	1. Primary flow measuring device is properly installed and maintained.
<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	2. Flow records are properly kept.
<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	3. Sharp drops or increases in flow values are accounted for.
<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	4. Actual flow discharged is measured.
<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	5. Influent flow is measured before all return lines.
<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	6. Effluent flow is measured after all return lines.
<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	7. Secondary instruments (totalizers, recorders, etc.) are properly operated and maintained.
<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A	8. Spare parts are stocked.

B. Flow Measurement Inspection Checklist - Flumes

<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	1. Flow entering flume appears reasonably well distributed across the channel and free of turbulence, boils, or other distortions.
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	2. Cross-sectional velocities at entrance are relatively uniform.
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	3. Flume is clean and free of debris or deposits.
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	4. All dimensions of flume are accurate.
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	5. Side walls of flume are vertical and smooth.
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	6. Sides of flume throat are vertical and parallel.
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	7. Flume head is being measured at proper location.
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	8. Measurement of flume head is zeroed to flume crest.
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	9. Flume is of proper size to measure range of existing flow.
<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A	10. Flume is operating under free-flow conditions over existing range of flows.

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C. Flow Measurement Inspection Checklist - Weirs

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V-notch		
Yes	No	N/A
Yes	No	N/A
Yes	No	N/A
Yes	No	N/A
Yes	No	N/A
Yes	No	N/A
Yes	No	N/A

1. What type of weir is being used?
2. The weir is exactly level.
3. The weir plate is plumb and its top edges are sharp and clean.
4. There is free access for air below the nappe of the weir.
5. Upstream channel of weir is straight for at least four times the depth of water level, and free from disturbing influences.
6. The stilling basin of the weir is of sufficient size and clear of debris.
7. Head measurements are properly made by facility personnel.
8. Proper flow tables are used by facility personnel.

D. Flow Measurement Inspection Checklist - Other Flow Devices

Yes	No	N/A
Yes	No	N/A
Yes	No	N/A
Yes	No	N/A

1. Type of flowmeter used: \_\_\_\_\_
2. What are the most common problems that the operator has had with the flowmeter?  
\_\_\_\_\_
3. Measured Wastewater flow: \_\_\_\_\_ mgd; Recorded flow: \_\_\_\_\_ mgd; Error \_\_\_\_\_ %
4. Design flow: \_\_\_\_\_ mgd.
5. Flow totalizer is properly calibrated.
6. Frequency of routine inspection by proper operator: \_\_\_\_\_ /day.
7. Frequency of maintenance inspections by plant personnel: \_\_\_\_\_ /year.
8. Frequency of flowmeter calibration: \_\_\_\_\_ /month.
9. Flow measurement equipment adequate to handle expected ranges of flow rates.
10. Venturi meter is properly installed and calibrated.
11. Electromagnetic flowmeter is properly calibrated.



# Laboratory Quality Assurance Checklist

## A. General

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☒ Yes ☐ No ☐ N/A

1. Written laboratory quality assurance manual is available.

## B. Laboratory Procedures

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☒ Yes ☐ No ☐ N/A

1. EPA approved analytical testing procedures are used.

☐ Yes ☒ No ☐ N/A

2. If alternate analytical procedures are used, proper approval has been obtained.

☐ Yes ☒ No ☐ N/A

3. Calibration and maintenance of instruments and equipment is satisfactory.

☐ Yes ☒ No ☐ N/A

4. Quality control procedures are used.

☐ Yes ☒ No ☐ N/A

5. Quality control procedures are adequate.

6. Duplicate samples are analyzed \_\_\_\_ % of time.

7. Spiked samples are used \_\_\_\_ % of time.

☒ Yes ☐ No ☐ N/A

8. Commercial laboratory is used Name Analytical Laboratories

Address \_\_\_\_\_

Contact \_\_\_\_\_

Phone \_\_\_\_\_

## C. Laboratory Facilities and Equipment

☐ Yes ☐ No ☐ N/A

1. Proper grade distilled water is available for specific analysis.

☐ Yes ☐ No ☐ N/A

2. Dry, uncontaminated compressed air is available.

☐ Yes ☐ No ☐ N/A

3. Fume hood has enough ventilation capacity.

☐ Yes ☐ No ☐ N/A

4. The laboratory has sufficient lighting.

☐ Yes ☐ No ☐ N/A

5. Adequate electrical sources are available.

☐ Yes ☐ No ☐ N/A

6. Instruments/equipment are in good condition.

☐ Yes ☐ No ☐ N/A

7. Written requirements for daily operation of instruments are available.

**C. Laboratory Facilities and Equipment** (continued)

Yes No N/A	8. Standards are available to perform daily check procedure.
Yes No N/A	9. Written trouble <del>sheeting</del> procedures for instruments are available.
Yes No N/A	10. Schedule for required maintenance exists.
Yes No N/A	11. Proper volumetric glassware is used.
Yes No N/A	12. Glassware is properly cleaned.
Yes No N/A	13. Standard reagents and solvents are properly stored.
Yes No N/A	14. Working standards are frequently checked.
Yes No N/A	15. Standards are discarded after recommended shelf life has expired.
Yes No N/A	16. Background reagents and solvents run with every series of samples.
Yes No N/A	17. Written procedures exist for cleanup, hazard response methods, and applications of correction methods for reagents and solvents.
Yes No N/A	18. Gas cylinders are replaced at 100-200 psi.

**D. Laboratory's Precision, Accuracy, and Control Procedures**

Yes No N/A	1. A minimum of seven replicates is analyzed for each type of control check and this information is on record.
Yes No N/A	2. Plotted precision and accuracy control charts are used to determine whether valid, questionable, or invalid data are being generated from day to day.
Yes No N/A	3. Control samples are introduced into the train of actual samples to ensure that valid data are being generated.
Yes No N/A	4. The precision and accuracy of the analyses are good.

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Laboratory Quality Assurance Checklist (Continued)

**E. Data Handling and Reporting**

Yes No N/A	1. Round-off rules are uniformly applied.
Yes No N/A	2. Significant figures are established for each analysis
Yes No N/A	3. Provision for cross-checking calculation is used
Yes No N/A	4. Correct formulas are used to reduce to simplest factors for quick, correct calculation
Yes No N/A	5. Control chart approach and statistical calculations for quality assurance and report are available and followed
Yes No N/A	6. Report forms have been developed to provide complete data documentation and permanent records and to facilitate data processing
Yes No N/A	7. Data are reported in proper form and units
Yes No N/A	8. Laboratory records are kept readily available to regulatory agency for required period of time
Yes No N/A	9. Laboratory notebook or preprinted data forms are permanently bound to provide good documentation
Yes No N/A	10. Efficient filing system exists enabling prompt channeling of report copies

**F. Laboratory Personnel**

Yes No N/A	1. The analyst has appropriate training
Yes No N/A	2. The analyst follows the specified procedures
Yes No N/A	3. The analyst is skilled in performing analyses

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	SAMPLE MEASUREMENT				001
	PERMIT REQUIREMENT				
TSS mg/l	SAMPLE MEASUREMENT			6	
	PERMIT REQUIREMENT			30	
T. Rec. As mg/l	SAMPLE MEASUREMENT			6.010	
	PERMIT REQUIREMENT			.49	
T. Rec. Cd mg/l	SAMPLE MEASUREMENT			6.001	
	PERMIT REQUIREMENT			.0053	
T. Rec. Cu mg/l	SAMPLE MEASUREMENT			6.010	
	PERMIT REQUIREMENT			.0245	
T. Rec. Pb mg/l	SAMPLE MEASUREMENT			6.003	
	PERMIT REQUIREMENT			.0150	
T. Rec. Hg mg/l	SAMPLE MEASUREMENT			6.0005 <del>6.0005</del>	
	PERMIT REQUIREMENT			non-d.t.	
T. Rec. Zn mg/l	SAMPLE MEASUREMENT			.027	
	PERMIT REQUIREMENT			.163	
	SAMPLE MEASUREMENT				
	PERMIT REQUIREMENT				

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OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	VISIBLE FLOAT SOL	COLOR	OTHER
001	none	none	none	none	none	none	none

(Sections M and N: Complete as appropriate for sampling inspections)

SECTION M - Sampling Inspection Procedures and Observations (Further explanation attached \_\_\_\_\_)

- ☒ GRAB SAMPLES OBTAINED
- ☐ COMPOSITE OBTAINED
- ☐ FLOW PROPORTIONED SAMPLE
- ☐ AUTOMATIC SAMPLER USED
- ☐ SAMPLE SPLIT WITH PERMITTEE
- ☒ CHAIN OF CUSTODY EMPLOYED
- ☐ SAMPLE OBTAINED FROM FACILITY SAMPLING DEVICE

COMPOSITING FREQUENCY \_\_\_\_\_ PRESERVATION \_\_\_\_\_

SAMPLE REFRIGERATED DURING COMPOSITING: ☐ YES ☐ NO

SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE yes



	SAMPLE MEASUREMENT				002
	PERMIT REQUIREMENT				
	SAMPLE MEASUREMENT			62	
TSS	PERMIT REQUIREMENT			30	
T. Rec.	SAMPLE MEASUREMENT			6.010	
As	PERMIT REQUIREMENT			.49	
mg/l					
T. Rec.	SAMPLE MEASUREMENT			6.001	
cd.	PERMIT REQUIREMENT			.0053	
mg/l					
T. Rec.	SAMPLE MEASUREMENT			6.010	
Cu	PERMIT REQUIREMENT			.0245	
mg/l					
T. Rec.	SAMPLE MEASUREMENT			6.003	
Pb.	PERMIT REQUIREMENT			.0150	
mg/l					
T. Rec.	SAMPLE MEASUREMENT			6.0005	
Hg.	PERMIT REQUIREMENT			<del>6.0005</del>	
mg/l				non-det.	
T. Rec.	SAMPLE MEASUREMENT			.014	
Zn.	PERMIT REQUIREMENT			.163	
mg/l					
	SAMPLE MEASUREMENT				
	PERMIT REQUIREMENT				

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	VISIBLE FLOAT SOL	COLOR	OTHER
002	none	none	none	none	none	none	none

(Sections M and N: Complete as appropriate for sampling inspections)

SECTION M - Sampling Inspection Procedures and Observations (Further explanation attached \_\_\_\_\_)

- ☒ GRAB SAMPLES OBTAINED
- ☐ COMPOSITE OBTAINED
- ☐ FLOW PROPORTIONED SAMPLE
- ☐ AUTOMATIC SAMPLER USED
- ☐ SAMPLE SPLIT WITH PERMITTEE
- ☒ CHAIN OF CUSTODY EMPLOYED
- ☐ SAMPLE OBTAINED FROM FACILITY SAMPLING DEVICE

COMPOSITING FREQUENCY \_\_\_\_\_ PRESERVATION \_\_\_\_\_

SAMPLE REFRIGERATED DURING COMPOSITING: ☐ YES ☐ NO

SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE yes.

RECEIVED

JUL 25 1988

WATER COMPLIANCE SECTION  
EPA - REGION 10